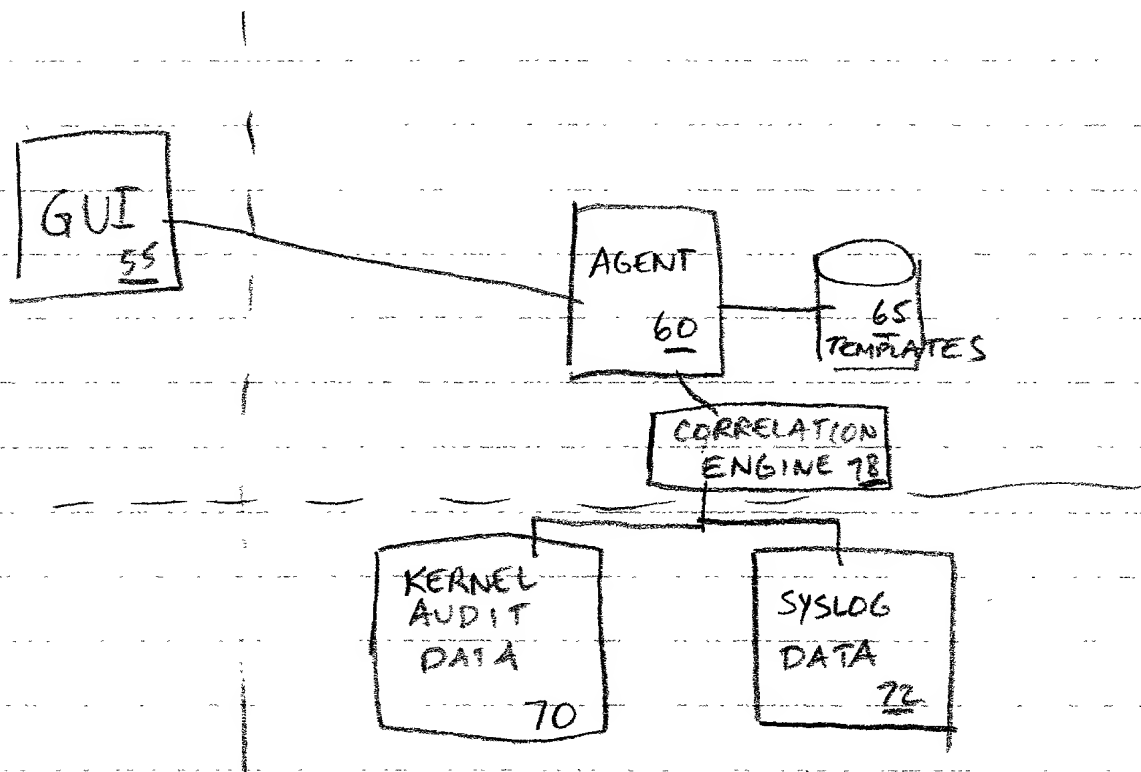
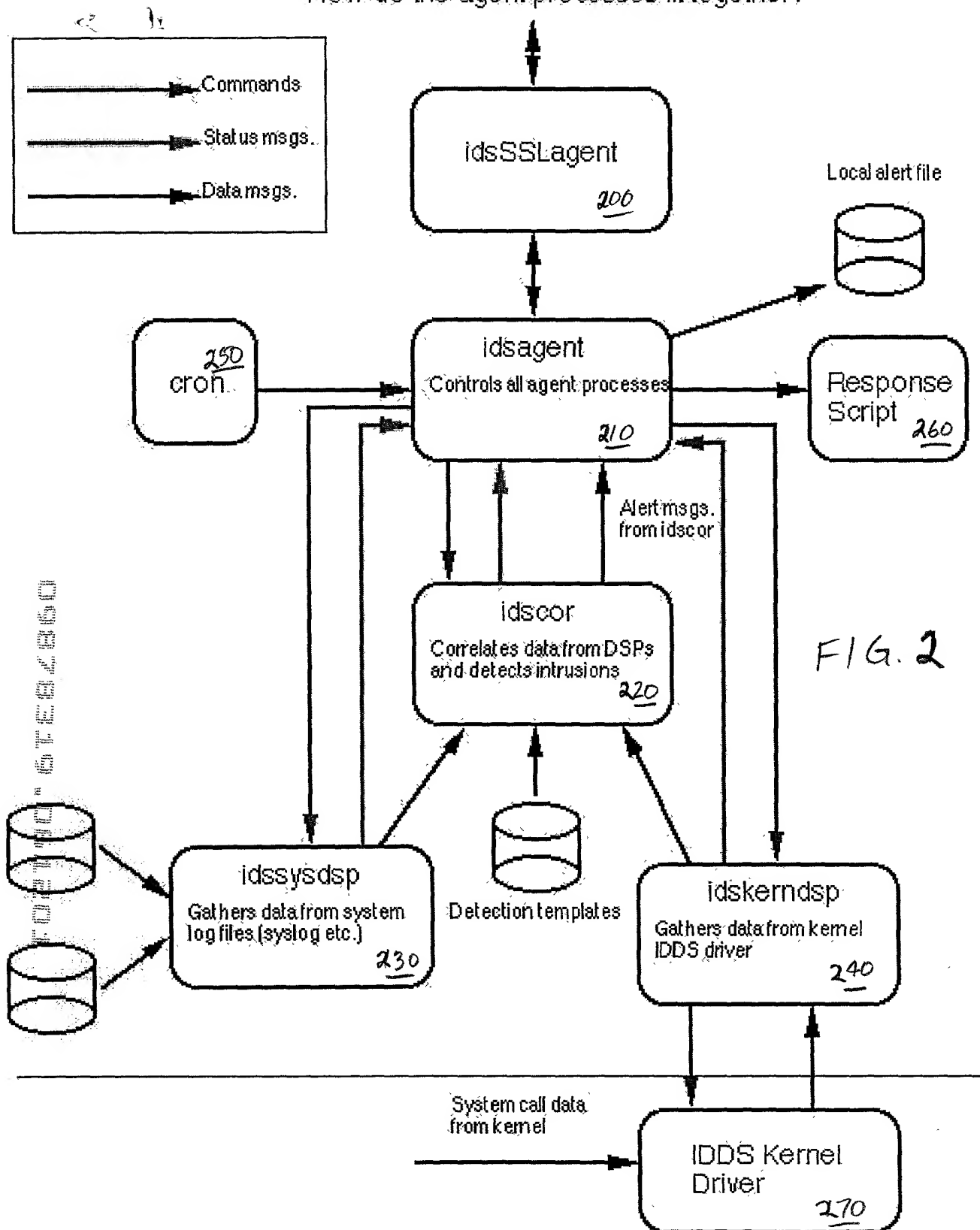


FIG. 1



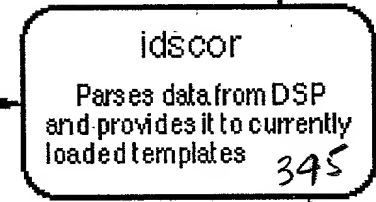
How do the agent processes fit together?



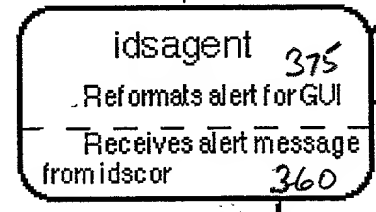
09876319-061201

350
Templates determine if a potential intrusion has occurred.

Detection templates



Alert message is sent to idsagent 355



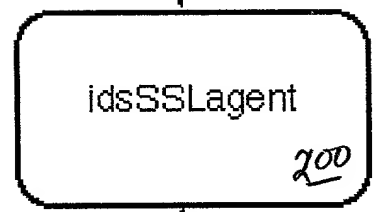
Executes response script 365



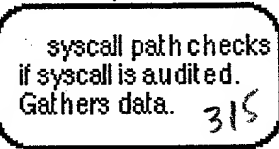
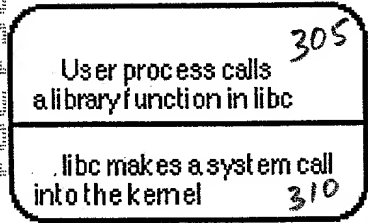
370
Logs to local alert file

Local alert file

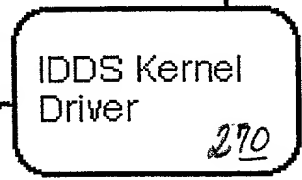
Sends alert to GUI 380



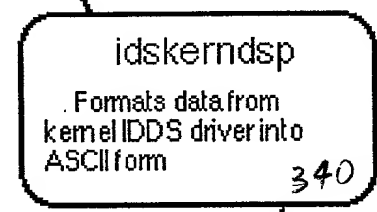
Alert text is sent to GUI in an SSL packet. 385



driver 330
reads record from buffer



kemdsp reads records 335

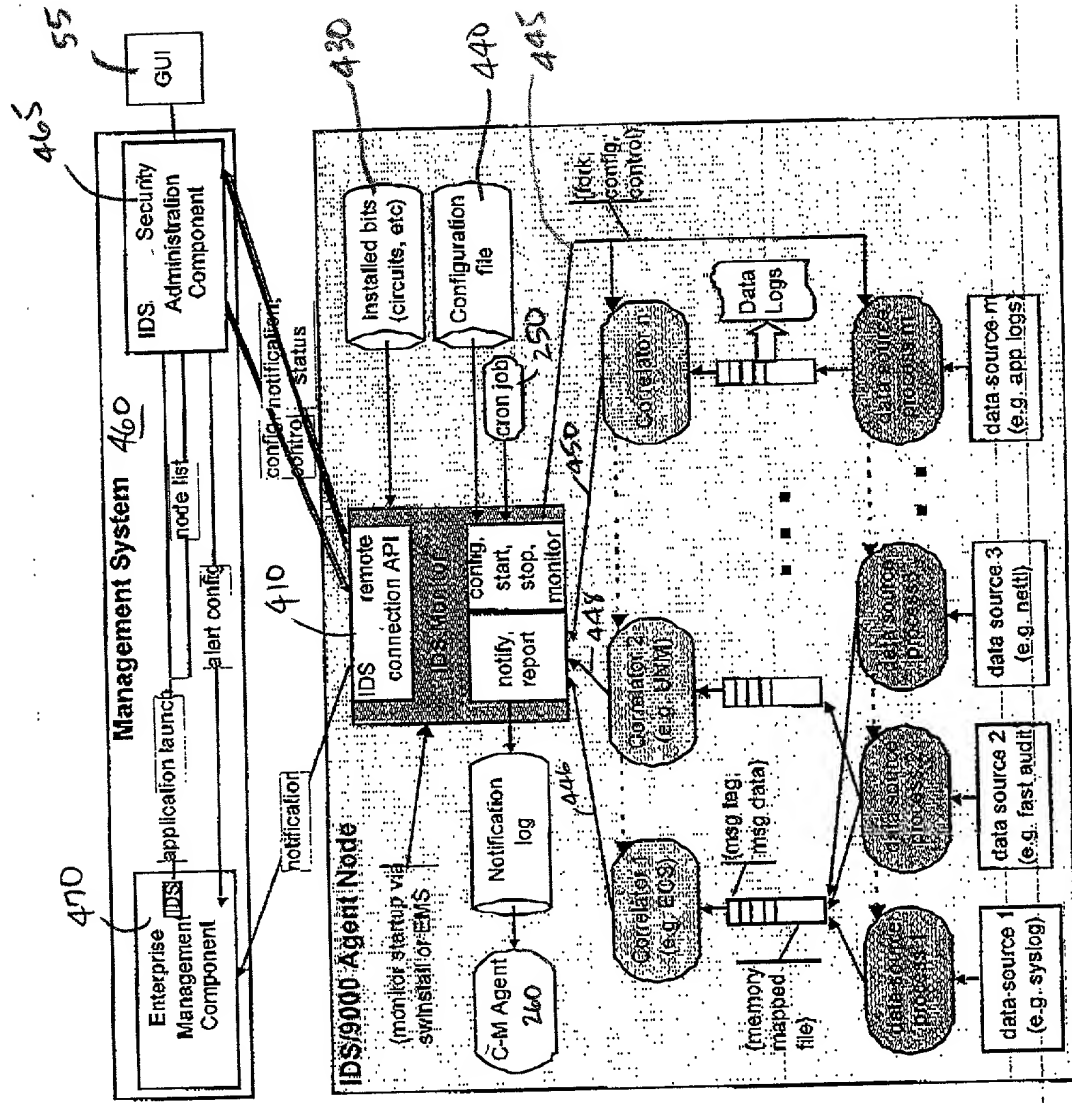


ASCII audit record is sent to idscor for processing 342

FIG. 3



FIG 4



Infrastructure

- Agent Monitor
- Remote connection

Operation/Control

- Installation
- Initialization
- Configuration
- Control/Status

Correlator

- ECS engine core
- Circuit/data control modules
- Messaging control
- Status/Error/Trace output
- Command input and dispatch
- Engine state dump

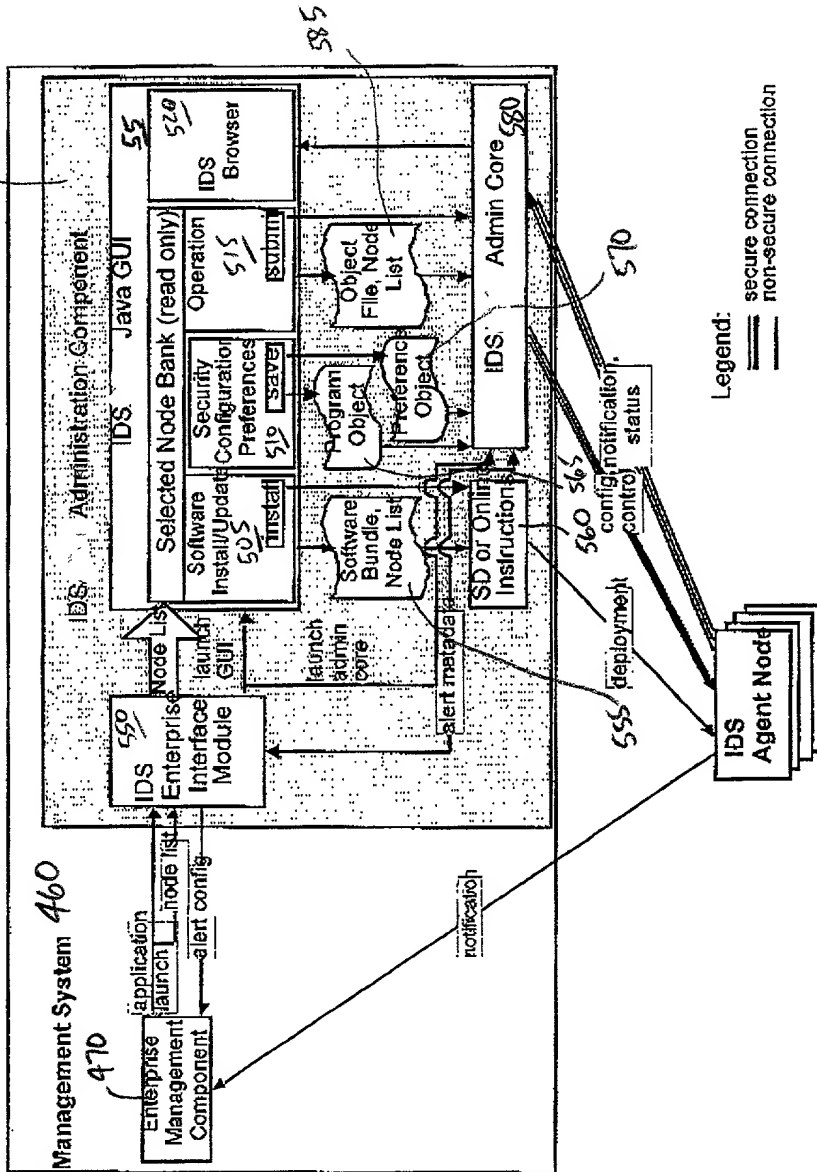
Data Source Processes

- Audit
- Syslog
- Network

Detection Patterns

- Kernel patterns
- Network patterns(future)
- Web server patterns (from logs)

FIG. 5



Infrastructure

- Admin Core
- Remote connection
- Secure communications

Operation/Control

- Installation
- Initialization
- Configuration
- Control/Status
- Message handling
- GUIs